

CLAIMS

We claim:

1. A display tree comprising:

a support tube having two opposite ends, an upper end and a lower end;

5 a male electrical plug connected to said support tube upper end;

an upper flange connected to said support tube adjacent to said support tube upper end;

a female electrical socket connected to said support tube lower end;

10 a lower flange connected said support tube adjacent said support tube lower end;

a flange electrical contact electrically connected to said female electrical socket, said flange electrical contact connected to said lower flange;

a substantially disc-shaped shelf having two opposite sides, a top side and a bottom side;

15 a shelf electrical contact connected to said shelf bottom side, said shelf electrical contact for detachable connection to said flange electrical contact; and

a shelf electrical outlet connected to said shelf top side, said shelf electrical outlet electrically connected to said shelf electrical contact.

20 2. The display tree of claim 1 further comprising:

a base connectable to said support tube upper end.

3. The display tree of claim 1 wherein:

said shelf top side having a top side recess which is complementary to said upper flange.

5 4. The display tree of claim 1 wherein:

said shelf bottom side having a bottom side recess which is complementary to said lower flange.

5. The display tree of claim 1 wherein:

10 said upper flange having an upper flange bolt hole therethrough.

6. The display tree of claim 1 wherein:

said lower flange having a lower flange bolt hole therethrough.

15 7. The display tree of claim 1 wherein:

said shelf having a hole therethrough.

8. The display tree of claim 1 wherein:

20 said shelf electrical outlet to shelf electrical contact electrical connection being disposed within said shelf.

9. The display tree of claim 1 wherein:

said shelf electrical contact being located within said shelf bottom side recess to make said shelf electrical contact inaccessible when said shelf is connected to said lower flange.

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10. The display tree of claim 1 wherein:

said support tube is comprised of plastic; and

said shelf is comprised of plastic.

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11. A display tree comprising:

a support tube having two opposite ends, an upper end and a lower end;

a male electrical plug connected to said support tube upper end;

an upper flange connected to said support tube adjacent to said support
5 tube upper end;

a female electrical socket connected to said support tube lower end;

a lower flange connected said support tube adjacent said support tube
lower end;

a flange electrical contact electrically connected to said female electrical
10 socket, said flange electrical contact connected to said lower flange;

a substantially disc-shaped shelf having two opposite sides, a top side and
a bottom side;

a shelf electrical contact connected to said shelf bottom side, said shelf
electrical contact for detachable connection to said flange electrical contact;

15 a shelf electrical outlet connected to said shelf top side, said shelf
electrical outlet electrically connected to said shelf electrical contact; and

a base detachably connectable to said support tube upper end.

12. The display tree of claim 11 wherein:

20 said shelf top side having a top side recess which is complementary to said
upper flange.

13. The display tree of claim 12 wherein:

said shelf bottom side having a bottom side recess which is
complementary to said lower flange.

5 14. The display tree of claim 13 wherein:

said upper flange having an upper flange bolt hole therethrough.

15. The display tree of claim 14 wherein:

said lower flange having a lower flange bolt hole therethrough.

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16. The display tree of claim 15 wherein:

said shelf having a hole therethrough.

17. The display tree of claim 16 wherein:

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said shelf electrical outlet to shelf electrical contact electrical connection
being disposed within said shelf.

18. The display tree of claim 17 wherein:

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said shelf electrical contact being located within said shelf bottom side
recess to make said shelf electrical contact inaccessible when said shelf is
connected to said lower flange.

19. The display tree of claim 18 wherein:

said support tube is comprised of plastic; and

said shelf is comprised of plastic.

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20. A display tree comprising:

a support tube having two opposite ends, an upper end and a lower end,
said support tube is comprised of plastic;

a male electrical plug connected to said support tube upper end;

5 an upper flange connected to said support tube adjacent to said support
tube upper end, said upper flange having an upper flange bolt hole therethrough;

a female electrical socket connected to said support tube lower end;

a lower flange connected said support tube adjacent said support tube
lower end, said lower flange having a lower flange bolt hole therethrough;

10 a flange electrical contact electrically connected to said female electrical
socket, said flange electrical contact connected to said lower flange;

a substantially disc-shaped shelf having two opposite sides, a top side and
a bottom side, said shelf top side having a top side recess which is complementary
to said upper flange, said shelf bottom side having a bottom side recess which is
15 complementary to said lower flange, said shelf having a hole therethrough, said
shelf is comprised of plastic;

a shelf electrical contact connected to said shelf bottom side, said shelf
electrical contact for detachable connection to said flange electrical contact, said
shelf electrical contact being located within said shelf bottom side recess to make
20 said shelf electrical contact inaccessible when said shelf is connected to said lower
flange;

a shelf electrical outlet connected to said shelf top side, said shelf
electrical outlet electrically connected to said shelf electrical contact, said shelf

electrical outlet to shelf electrical contact electrical connection being disposed within said shelf; and

a base detachably connectable to said support tube upper end.